Index of Claims

| App | lication | /Control | No. |
|-----|----------|----------|-----|
|-----|----------|----------|-----|

10/786,869 Examiner

Hae M. Hyeon

Applicant(s)/Patent under Reexamination

TABATA ET AL.

Art Unit

2839

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|
| + | Restricted                     |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| 1 | 7 | Appeal   |
|---|---|----------|
| C | ) | Objected |

| Cla              | aim                                    | Date   |  |  |              |          |          |          |          |          |
|------------------|--|--|--|--|--------------|----------|----------|----------|----------|----------|
| Final            | Original                               | 5-20-05-   |  |  |              |          |          |          |          |          |
|                  | à                                      | 41   | _  | _  |              | -        | -        |          |          | -        |
|                  | 1                                      |  |  |  |              | Н        |          |          |          |          |
|                  | 3                                      |  |  |  |              |          |          |          |          |          |
|                  | 4                                      |  |  |  |              |          |          |          |          |          |
|                  | 5                                      |  |  |  |              |          |          |          |          |          |
|                  | 1 (4 (5) (6) (6)                       |  |  |  |              |          |          |          |          |          |
| 1                | 7                                      | =  |  |  |              |          |          |          |          |          |
| 2<br>3<br>4<br>5 | 8                                      | =  |  |  |              |          |          |          |          |          |
| 3                | 9                                      | =  |  |  |              |          |          |          |          |          |
| 4                | 10                                     | =  |  | _  |              |          |          |          |          |          |
|                  | 11                                     | =  |  | <b>-</b>   |              | $\vdash$ | Ш        | $\sqcup$ |          |          |
| 6<br>7           | 12                                     | =  |  | -  |              | $\vdash$ | <u> </u> | -        |          |          |
| 8                | 13                                     | =  |  | -  |              | $\vdash$ |          |          | _        |          |
| <u> </u>         | 12<br>13<br>14<br>15<br>16<br>17<br>18 | =  |  | -  |              | H        | -        | -        | _        |          |
|                  | 16                                     | _  | -  | $\vdash$   |              | $\vdash$ | _        |          |          |          |
|                  | 17                                     |  | <del>                                     </del> |  |              | $\vdash$ |          |          |          |          |
|                  | 18                                     |  |  | H  |              |          |          |          |          |          |
|                  | 19                                     |  |  | Г  |              | _        |          |          |          |          |
| ,                | 20                                     |  |  |  |              |          |          |          |          |          |
|                  | 21                                     |  |  |  |              |          |          |          |          |          |
|                  | 22                                     |  |  |  |              |          |          |          |          |          |
|                  | 23<br>24                               | _  | ļ  |  |              |          |          |          |          |          |
|                  | 24                                     |  | L  |  |              |          | L        |          |          |          |
|                  | 25                                     |  | _  |  |              |          | L        |          |          |          |
|                  | 26<br>27                               |  | <u> </u>   | _  |              |          |          |          |          |          |
|                  | 27                                     |  | <del> </del>                                     | -  | _            | <u> </u> |          |          | -        |          |
|                  | 28<br>29                               | ├  | $\vdash$   | $\vdash$   |              | <u> </u> |          |          |          | $\vdash$ |
|                  | 30                                     | <del>                                     </del> | -  | $\vdash$   |              |          |          |          | _        | $\vdash$ |
|                  | 31                                     | ├─   | -  | $\vdash$   |              |          | _        |          |          | $\vdash$ |
|                  | 32                                     | <del>                                     </del> |  |  |              | <u> </u> |          | -        |          |          |
|                  | 33                                     |  |  |  |              |          |          |          |          |          |
|                  | 34                                     | Π  |  |  |              |          |          |          |          |          |
|                  | 34<br>35                               |  |  |  |              |          |          |          |          |          |
|                  | 36                                     |  |  |  |              |          | 匚        | L        |          | L        |
|                  | 37                                     | <u> </u>   |  | _  |              | <u> </u> | <u>L</u> | L        | L_       | <u> </u> |
|                  | 38                                     | <u> </u>   | <u> </u>   | _  | <u> </u>     |          | <u> </u> | ļ        | <u> </u> | <u> </u> |
|                  | 39                                     | <u> </u>   | <u> </u>   |  | <u> </u>     | -        | _        |          |          | <u> </u> |
|                  | 40                                     | -  |  |  | $\vdash$     | $\vdash$ | $\vdash$ |          | -        | $\vdash$ |
|                  | 41                                     | -  | $\vdash$   | $\vdash$   | <del> </del> | ├        |          | -        | $\vdash$ |          |
|                  | 42                                     | $\vdash$   | -  |  |              | -        | -        | $\vdash$ | -        |          |
|                  | 44                                     | +-   | -  | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$ |          |
| -                | 45                                     | 1-   | $\vdash$   |  | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ |          | $\vdash$ |
| -                | 46                                     | T  | _  | <del>                                     </del> | -            | T        | $\vdash$ |          | <u> </u> | t –      |
|                  | 47                                     | <del>                                     </del> | -  | <del>                                     </del> | Г            | T        | Т        | $\vdash$ | <u> </u> |          |
|                  | 48                                     | $\vdash$   |  | İ  |              |          | T        |          |          |          |
|                  | 49                                     | Π  |  |  |              |          |          |          |          |          |
|                  | 50                                     |  |  |  |              |          |          |          |          |          |

| Cla      | im             |          |          |   | - [  | ate          | -            | _        |                                     |          |
|----------|----------------|----------|----------|---|--|--------------|--------------|----------|-------------------------------------|----------|
|          |                |          |          |   |  | -            |              |          |                                     |          |
| Final    | Original       |          |          |   |  |              |              |          |                                     | _        |
|          | 51<br>52<br>53 |          |          |   |  |              |              |          |                                     |          |
|          | 52             |          |          |   |  |              |              |          |                                     |          |
|          | 53             |          | _        |   |  | _            |              |          |                                     |          |
|          | 54<br>55       |          |          |   | _  |              |              |          |                                     |          |
|          | 55             |          |          |   |  |              |              | _        |                                     |          |
|          | 56             |          |          |   |  |              |              |          |                                     |          |
|          | 57             |          |          |   |  |              |              |          |                                     |          |
|          | 58             |          |          |   |  |              |              |          |                                     |          |
|          | 59             |          |          |   |  |              |              |          |                                     |          |
|          | 60             | _        |          |   |  |              |              |          |                                     |          |
|          | 61             |          |          |   |  |              | _            |          |                                     |          |
| <u> </u> | 62             | -        | _        |   | $\sqcup$   | _            |              |          |                                     | _        |
| $\vdash$ | 63             |          |          |   |  |              | -            |          |                                     | <u> </u> |
| -        | 64             | -        | _        |   |  |              |              |          |                                     |          |
| <b>—</b> | 65<br>66       | -        | $\dashv$ |   |  |              |              |          |                                     |          |
|          | 66             | -        | $\dashv$ | _ | _  |              |              |          |                                     | _        |
|          | 67             |          | $\dashv$ |   |  |              |              |          |                                     |          |
|          | 68<br>69       |          | -        |   |  |              |              |          |                                     | _        |
|          | 70             |          | -        |   | -  |              |              | -        | -                                   |          |
|          | 71             |          |          | _ |  |              |              | -        | _                                   | _        |
|          | 72             |          |          |   |  |              |              |          |                                     |          |
|          | 73             |          |          |   | -  |              |              |          |                                     | -        |
| -        | 74             |          | -        | _ |  |              |              |          |                                     |          |
|          | 75             |          |          |   |  | -            |              |          |                                     |          |
|          | 76             |          | $\Box$   |   |  |              |              |          |                                     |          |
|          | 76<br>77       |          |          |   |  |              |              |          |                                     |          |
|          | 78             |          |          |   |  |              |              |          |                                     |          |
|          | 79             |          |          |   |  |              |              |          |                                     |          |
|          | 80             |          |          |   |  |              |              |          |                                     |          |
|          | 81             |          |          |   |  |              |              |          |                                     |          |
|          | 82             |          |          |   |  |              | Ш            |          | _                                   | _        |
|          | 83             |          |          |   |  | <u> </u>     | Щ            |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        |
| <u> </u> | 84             |          |          |   |  |              |              |          |                                     | L        |
| L        | 85             |          |          |   | _  |              |              | L.,      |                                     |          |
| <u> </u> | 86             |          |          |   | <u> </u>   | L            | ļ            |          |                                     |          |
|          | 87             |          |          |   | _  | L            | <u> </u>     |          | <u> </u>                            | <u> </u> |
|          | 88             |          |          |   | <u> </u>   |              | $\vdash$     | <b> </b> | -                                   | _        |
| -        | 89             | -        |          |   | $\vdash$   | <u> </u>     | <del> </del> | -        | _                                   | $\vdash$ |
| <u> </u> | 90             |          |          |   | $\vdash$   | <u> </u>     | <del> </del> | -        | $\vdash$                            | -        |
| <u> </u> | 91<br>92       | H        |          | _ |  |              | $\vdash$     | $\vdash$ |                                     | -        |
| }        | 93             | -        | -        | _ | $\vdash$   | $\vdash$     | $\vdash$     | -        | $\vdash$                            | -        |
|          | 94             |          | $\vdash$ | - | $\vdash$   |              | -            | <u> </u> |                                     | $\vdash$ |
|          | 95             | $\vdash$ | $\vdash$ |   | <del>                                     </del> | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$                            |          |
|          | 96             | -        | Н        | - |  | $\vdash$     | -            |          | <del> </del>                        | -        |
|          | 97             | Н        |          |   | _  | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$                            |          |
| -        | 98             |          |          | - |  | <b>-</b>     | <b>-</b>     | <u> </u> | l -                                 | Г        |
|          | 99             |          | П        |   | <u> </u>   |              |              |          |                                     |          |
|          | 100            | Г        |          |   |  |              | Г            |          |                                     |          |

| Cla  | Date   |          |              |                |           |              |  |              |  |  |
|--|--|----------|--------------|----------------|-----------|--------------|--|--------------|--|--|
|  | _  |          |              |                |           |              |  |              |  |  |
| Final  | Original   |          |              |                |           |              |  |              |  |  |
| ii   | Ē  |          |              |                |           |              |  |              |  |  |
|  | ٥  | •        |              |                |           |              |  |              |  |  |
|  | 101  |          |              |                |           |              |  |              |  |  |
|  | 101<br>102   |          |              |                |           |              |  |              | -  |  |
|  | 103<br>104<br>105<br>106   |          |              |                |           |              |  |              |  |  |
|  | 104  |          |              | _              |           |              |  |              |  | $\Box$   |
|  | 105  |          |              | Г              |           |              |  |              |  |  |
|  | 106  |          |              |                |           |              |  |              |  |  |
|  | 107<br>108<br>109<br>110   |          |              |                |           |              |  |              |  |  |
|  | 108  |          |              |                |           |              |  |              |  |  |
|  | 109  |          |              |                |           |              |  |              |  |  |
|  | 110  |          |              |                |           |              |  |              |  |  |
|  | 111  |          |              | _              |           |              |  |              |  |  |
| <u> </u>   | 112  | Г        | ┢            | <del> </del>   | <b>-</b>  |              |  |              | $\vdash$   | П  |
|  | 113  | H        |              | _              |           |              |  |              | $\vdash$   | Н  |
|  | 114  | Г        | <del>-</del> |                | <u> </u>  | H            |  |              | $\vdash$   |  |
| <del> </del>                                     | 115  | -        |              | $\vdash$       | I         |              | $\vdash$   | -            | <del> </del>                                     | $\vdash$   |
|  | 116  | _        |              | $\vdash$       | <u> </u>  |              | -  |              |  |  |
|  | 117  |          |              | $\vdash$       |           |              | -  | -            | <u> </u>   | Н  |
| $\vdash$   | 111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134 |          |              |                |           | -            |  |              |  | H  |
|  | 119  |          | -            | 1              | -         | -            |  |              | $\vdash$   | Н  |
|  | 120  |          |              |                | -         |              | -  |              | ┢  | -  |
| <del></del>                                      | 121  |          | $\vdash$     | -              | -         | -            |  | H            | <del> </del>                                     |  |
| <del> </del>                                     | 122  |          | $\vdash$     |                | ├─        | -            |  |              | $\vdash$   |  |
| <del></del>                                      | 123  |          | ┢            | -              | ├─        | -            | <del> </del>                                     |              | ┢  |  |
|  | 124  |          | ┢            | -              | ├─        | ┢            |  |              | -  | $\vdash$   |
|  | 125  | $\vdash$ | -            |                | $\vdash$  | ⊢            | -  | -            | -  | $\vdash$   |
| <del>                                     </del> | 126  | ┢        | _            |                | $\vdash$  | ┢            |  |              |  | $\vdash$   |
|  | 127  | -        | ⊢            | $\vdash$       | $\vdash$  | $\vdash$     | ├─   | -            |  | H  |
|  | 128  | -        | ⊢            |                | $\vdash$  | $\vdash$     | -  |              | -  | -  |
|  | 120  | -        | $\vdash$     |                | -         |              | -  |              |  |  |
|  | 120  | -        | $\vdash$     |                | ⊢         | 1            | -  | ⊢            | $\vdash$   | -  |
| -  | 130  | ┢        | ┝            | ┢              |           |              |  | $\vdash$     | $\vdash$   | $\vdash$   |
|  | 131  | $\vdash$ | ┢            | ┢┈             |           |              | -  | $\vdash$     | $\vdash$   |  |
|  | 132  |          |              | ├一             | ╁         | ┢            | -  | _            | -  | <del>                                     </del> |
|  | 133  | -        | _            | -              |           |              |  | $\vdash$     | $\vdash$   |  |
| <u> </u>   | 134  | ├        | $\vdash$     | $\vdash$       | -         | ├-           | -  | <del> </del> | $\vdash$   | -  |
|  | 135<br>136   | -        |              | -              |           | $\vdash$     | -  | -            | -  | -  |
|  | 137  | -        | -            | ├-             | $\vdash$  | $\vdash$     | -  | -            |  | ├  |
|  | 137  | ├        | -            | ┢              | ₩         | ╁            | -  |              | ╁  | $\vdash$   |
| <u> </u>   | 138<br>139   | ├─       | 1            | $\vdash$       | $\vdash$  | ├            | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |
|  | 140  |          | -            | <del>  -</del> |           | <del> </del> | ┢  |              | <del>                                     </del> | ┢  |
| <u> </u>   |  |          | -            | ┼─             | ├         | $\vdash$     | $\vdash$   | $\vdash$     |  | ├─   |
| }  | 141  | $\vdash$ | ├            | ├-             | $\vdash$  | $\vdash$     | <del>  -</del>                                   | -            | -  | $\vdash$   |
|  | 142  | ├        |              | $\vdash$       | -         | -            | -  | $\vdash$     |  | $\vdash$   |
|  | 143  | 1        | H            | +              | -         | $\vdash$     | $\vdash$   | $\vdash$     | -  | ├-   |
|  | 144  | $\vdash$ | -            | ╁              | $\vdash$  | $\vdash$     | <del>                                     </del> | ├            | <del> </del>                                     | $\vdash$   |
| <u> </u>   | 145  | ├-       | $\vdash$     | +              | ├         | ├            | -  | $\vdash$     | ╁  | $\vdash$   |
| <u> </u>   | 146  | $\vdash$ | -            | <u> </u>       | ┼         | ├            | -  | -            | $\vdash$   | -  |
| <del> </del>                                     | 147  | $\vdash$ | $\vdash$     | ├              | ├         | $\vdash$     | <del>                                     </del> | -            | $\vdash$   | <del> </del>                                     |
|  | 148  | $\vdash$ | $\vdash$     | ⊢              | ╁         | -            | -  |              | $\vdash$   | $\vdash$   |
|  | 149  | $\vdash$ | $\vdash$     | ⊢              | $\vdash$  | ├            | ├  | ├-           | $\vdash$   | ⊢  |
|  | 150  | Ц_       |              |                | <u>L_</u> | <u> </u>     | l  | <u> </u>     | <u>L</u> .                                       | L  |